REMARKS

By this Amendment, claims 1, 11, 13, and 22 are amended to overcome the rejection under 35 U.S.C. 112, second paragraph and new claims 2-30 (patentable over the cited prior art for reasons similar to those asserted herein with regard to the rejected claims). Claims 1-30 are pending.

The Office action rejected claims 1-11, 13-22 and 24 under 35 U.S.C. §102(e) as being unpatentable in view of Hsu et al. (U.S. Pat. 6,587,684; hereafter "Hsu") and rejected claims 12 and 23 under 35 U.S.C. 103(a) as being obvious from Hsu et al. and Oh et al. (U.S. 6,519,458; hereafter "Oh"). Applicants traverse the rejections because the cited prior art, analyzed individually or in combination, fails to disclose, teach or suggest all the features recited in the rejected claims.

For example, the cited prior art fails to disclose, teach or suggest the claimed method of providing telecommunication services in a telecommunication system including "creating at least one database comprising subscriber data, from which there is a functional connection to the bearer network; establishing a connection between the serving network and the terminal by means of a subscriber application comprised by the terminal; [and] . . . transmitting subscriber data relating to said subscriber database to the terminal, to the serving network, or to the terminal and the serving network in response to the terminal having the right to use said subscriber database; and providing the terminal with services according to at least said transmitted subscriber data," as recited in independent claim 1 and its dependent claims.

Similarly, the cited prior art fails to disclose, teach or suggest a telecommunication system wherein "the bearer network is configured to create at least one database comprising subscriber data, a functional connection being configured between said at least one subscriber database and the bearer network; . . . the terminal and the serving network are configured to establish a data transmission connection between the terminal and said subscriber database; submission of subscriber data is configured in the system to the terminal, to the serving network, or to the terminal and the serving network in response to the terminal having the right to use said subscriber database; and the serving network is configured to provide services for the terminal in accordance with at least said transmitted subscriber data," as recited in independent claim 13 and its dependent claims.

Further, the cited prior art fails to disclose, teach or suggest the claimed network element "configured to provide the terminal with services according to subscriber data

transmitted from another telecommunication network and relating to a separate subscriber database. . . [and] to direct data directed to the subscriber of said subscriber database to the terminal," as recited in independent claim 24.

Hsu merely relates to downloading software (new software or updates to already obtained software) to a digital telephone over a radio interface. Figures 4a-4c of Hsu illustrate the method, in which a connection to an InterWorking Function (IWF) is established for the digital telephone via a mobile network. The IWF enables the digital telephone to connect another network, e.g. an IP network, and the digital telephone then establishes a two-way application session with a proxy server in another network. The digital telephone then sends the security key and an International Mobile Station Identity (IMSI) to the proxy server, which performs an authentication routine by accessing a user database. If the digital telephone is authenticated, the proxy server transmits a URL to the mobile station. The digital telephone then accesses an activation homepage of a provisioning server using the supplied Universal Resource Locator (URL). This activation server establishes an application level session with the digital telephone, and the software may then be downloaded to the digital telephone from the activation server (after the server has proved to be authorized for controlling the software).

However, Hsu fails to disclose, teach or suggest transmission of subscriber data related to the subscriber database to the terminal, to the serving network or to both the terminal and serving network, or use of the transmitted subscriber data to provide the terminal with services. Hsu merely teaches transmitting the URL of the software downloading server (the provisioning server 24) to the digital telephone, which then uses the URL to connect the to server to arrange downloading of control software to the digital telephone.

Although the user database 28 of Hsu may store user specific data, that database is only used for user authentication by the proxy server 20 (See, col. 15, l. 13-21) or checking by the proxy server 20 if the user is in active mode (See, col. 15, l. 21-24). Therefore, the information in the user database is used only by the proxy server 20 residing outside the mobile network 10 serving the telephone 16 (See, Fig. 1 and col. 5, l. 52-56). Further, the only information transmitted to the digital telephone is the URL, which originates from the proxy server 20 and has nothing to do with the user database 28. Accordingly, Hsu merely describes that the digital telephone may access the provisioning server based on the received URI, which is not subscriber data.

Therefore, Hsu fails to disclose, teach or suggest sending any subscriber data related to a subscriber database to a terminal, to the serving network providing the terminal with services or to both. As a result, Hsu also fails to disclose, teach or suggest provisioning services for the terminal according to transmitted subscriber data.

Oh fails to remedy these deficiencies of Hsu because Oh merely teaches a wireless data transport method, and a mobile terminal and an IWF device via which dialing is performed in the mobile terminal using a predetermined command with an identifier including an IP address, and then RLP between the mobile terminal and the IWF device is synchronized to establish a circuit-switched data channel according to the command. Subsequently, Point-to-Point Protocol/Transmission Control Protocol is performed in the IWF device according to the identifier, and a network interface channel is then opened by an Attention processing unit of the IWF device according to the IP address of the identifier.

Accordingly, the combined teachings of Hsu and Oh fail to disclose, teach or suggest transmission of subscriber data related to the subscriber database to the terminal, to the serving network, or both, or use of the transmitted subscriber data to provide the terminal with services. Therefore, the rejection of claims 1-24 is traversed and claims 1-24 (and new claims 25-30) are patentable.

All objections have been addressed. If anything further is necessary to place the application in condition for allowance, Applicants request that the Examiner contact Applicants' undersigned representative at the telephone number listed below.

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,
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